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TECH CENTER 1600/2990

PATENT
Attorney Docket No. EXT-036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Shuber
SERIAL NO.: 09/514,865 GROUP NO.: 1634
FILING DATE: February 28, 2000 EXAMINER: S. Sakellaris
TITLE: Methods for Disease Detection

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 13 day of January, 2003.


Thomas F. Hellenthal

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Fee Transmittal (1 page);
3. Check in the amount of \$180.00;
4. Supplemental Information Disclosure Statement (2 pages);
5. Form PTO-1449 (11 pages);
6. Copies of References A47-A112, B43-B111, C95-C174;
7. Return receipt postcard.



TRANSMITTAL FORM

Application Serial Number	09/514,865
Filing Date	February 28, 2000
First Named Inventor	Shuber
Group Art Unit	1634
Examiner Name	S. Saketaris
Attorney Docket No.	EXT-036
Patent No.	Not applicable
Issue Date	Not applicable

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TECH CENTER 1501 JEP29

ENCLOSURES (check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form
<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official
<input type="checkbox"/> Draftsperson including Drawings
[Total Sheets ____]
<input type="checkbox"/> Petition for Extension of Time
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement
<input checked="" type="checkbox"/> Supplemental Form PTO-1449
<input checked="" type="checkbox"/> Copies of IDS Citations
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (P10-1553)
<input type="checkbox"/> Formal Drawing(s)
<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal
<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> CD(s) for large table or computer program
<input type="checkbox"/> Amendment After Allowance
<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences
<input type="checkbox"/> Appeal Brief (in triplicate)
<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|--|---|

CORRESPONDENCE ADDRESS

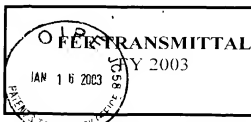
Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: January 13, 2003
Reg. No. 41,418
Tel. No.: (617) 248-7240
Fax No.: (617) 248-7100

Respectfully submitted,

Pat. 4H Wall
Patrick R.H. Waller
Attorney for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110



Complete if Known
 Application Serial Number 09/514,865
 Filing Date February 28, 2000
 First Named Inventor Shuber
 Group Art Unit 1634
 Examiner Name S. Sakelaris
 Attorney Docket No. IXT-036

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METHOD OF PAYMENT

- 1 ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other

- 2 ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.
☐ Required Fees (copy of this sheet enclosed).
☒ Additional fee required under 37 CFR 1.16 and 1.17
☒ Overpayment Credit
3 ☐ Applicant claims small entity status.

FEE CALCULATION

1. FILING FEE:

Large Entity Fee (\$)	Fee Description	Fee Paid
740	Utility filing fee	
330	Design filing fee	
160	Provisional filing fee	

Number Filed	Number Extra	Rate	Amount
Total Claims	- 20 -	x \$ 18.00 =	
Independent Claims	- 3 =	x \$ 84.00 =	
<input type="checkbox"/> Multiple Dependent Claim(s), if any \$280.00 =			

TOTAL

SMALL ENTITY DISCOUNT

SUBTOTAL (1) (\$) 0

2. AMENDMENT CLAIM FEES

Claims Remaining After Amend	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	-	x \$ 18.00 =	
Indep	-	-	x \$ 84.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim \$280.00 =				

TOTAL

SMALL ENTITY DISCOUNT

SUBTOTAL (2) (\$) 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
110	55	Extension for reply within first month	
400	200	Extension for reply within second month	
920	460	Extension for reply within third month	
1440	720	Extension for reply within fourth month	
1960	980	Extension for reply within fifth month	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
130	130	Petitions to the Commissioner	
180	180	Submission of Information Disclosure Statement	180.00
740	370	Filing a submission after final rejection (37 CFR 1.129(a))	
740	370	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$) 180.00

SUBTOTAL (1)

SUBTOTAL (2)

SUBTOTAL (3) 180.00

TOTAL (\$) 180.00

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: January 13, 2003
 Reg. No.: 41,418
 Tel. No.: (617) 248-7240
 Fax No.: (617) 248-7100

Respectfully submitted,
Pat. R.H. Wall
 Patrick R.H. Waller
 Attorney for the Applicant
 Testa, Hurwitz & Thibault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110



PATENT
Attorney Docket No. EXT-036

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Shuber
SERIAL NO.: 09/514,865 GROUP NO.: 1634
FILING DATE: February 28, 2000 EXAMINER: S. Sakelaris
TITLE: Methods for Disease Detection

Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

In addition, Applicant notifies the Examiner of the following U.S. patent applications: U.S. Serial No. 09/545,162, filed April 7, 2000; U.S. Serial No. 09/455,950, filed December 7, 1999; U.S. Serial No. 10/149,464, filed June 7, 2002; and U.S. Serial No. 09/724,274, filed November 28, 2000. Furthermore, Applicant notifies the Examiner that U.S. Patent No. 6,084,091 is the English language counterpart of Foreign Patent Document Nos. 195 30 132C2, 195 30 132A1 and WO 97/07239; U.S. Patent No. 6,150,100 is the English language counterpart of Foreign Patent Document No. 197 12 332A1; U.S. Patent No. 6,448,002B1 is the English counterpart of Foreign Patent Document No. WO 98/08971; and an English language abstract for Foreign Patent Document No. 197 36 691A1 is contained in related Foreign Patent Document No. WO 99/10528.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the

01/16/2003 CCMU1 00000060 09514865

01 FC:1806

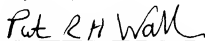
180.00 00

merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or

- ☒ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☒ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Respectfully submitted,



Patrick R. H. Waller, Ph.D.
Attorney for Applicant(s)
Testa, Hurwitz, & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: January 13, 2003
Reg. No. 41,418

Tel. No.: (617) 248-7240
Fax No.: (617) 248-7100

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

JAN 16 2003

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514,865

FILING DATE: February 28, 2000

GROUP: 1634

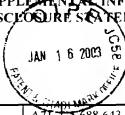
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U.S. PATENT DOCUMENTS


EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A47	3,413,464	11/26/68	Kamentsky			04/29/65
	A48	4,101,279	7/18/78	Aslam			4/6/77
	A49	4,309,782	1/12/82	Paulin			9/11/80
	A50	4,358,535	11/9/82	Falkow <i>et al.</i>			12/8/90
	A51	4,445,235	5/1/84	Slover <i>et al.</i>			9/13/82
	A52	4,578,358	3/25/86	Oksman <i>et al.</i>			5/3/83
	A53	4,683,202	7/28/87	Mullis			10/25/85
	A54	4,705,050	11/10/87	Markham			10/2/85
	A55	4,735,905	4/5/88	Parker			8/15/86
	A56	4,935,342	6/19/90	Seligson <i>et al.</i>			12/1/86
	A57	5,149,506	9/22/92	Skiba <i>et al.</i>			8/9/91
	A58	5,200,314	4/6/93	Urdea			3/23/90
	A59	5,331,973	7/26/94	Fiedler <i>et al.</i>			3/15/93
	A60	5,416,025	5/16/95	Krepinsky, <i>et al.</i>			8/31/94
	A61	5,463,782	11/7/95	Carlson <i>et al.</i>			11/21/94
	A62	5,482,834	1/9/96	Gillespie			1/19/93
	A63	5,506,105	4/9/96	Haydock			3/22/94
	A64	5,538,851	7/23/96	Fach <i>et al.</i>			12/22/93
	A65	5,559,014	9/24/96	Estes <i>et al.</i>			6/7/95
	A66	5,599,662	2/4/97	Respass			2/17/95
	A67	5,612,473	3/18/97	Wu <i>et al.</i>			1/16/96
	A68	5,635,352	6/03/97	Urdea <i>et al.</i>			4/26/95
	A69	5,641,628	6/24/97	Bianchi			11/14/94
	A70	5,645,995	7/8/97	Kieback			4/12/96

EXAMINER

DATE CONSIDERED

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT 			ATTY DOCKET NO.: EXT-036 (2457/32) APPLICANT: Shuber SERIAL NO.: 09/514,865 FILING DATE: February 28, 2000 GROUP: 1634		
	A71	5,688,643	11/18/97	Oka <i>et al.</i>	2/27/95
	A72	5,846,710	12/8/98	Bajaj	8/6/93
	A73	5,856,104	1/5/99	Chee <i>et al.</i>	3/7/97
	A74	5,882,865	03/16/99	Vogelstein <i>et al.</i>	1/10/97
	A75	5,888,778	3/30/99	Shuber	6/16/97
	A76	5,910,407	6/8/99	Vogelstein <i>et al.</i>	8/26/94
	A77	5,916,744	6/29/99	Taylor	3/14/94
	A78	5,942,396	8/24/99	Shiff <i>et al.</i>	8/19/97
	A79	5,952,178	9/14/99	Lapidus <i>et al.</i>	4/13/98
	A80	5,976,800	11/2/99	Lau <i>et al.</i>	6/27/97
	A81	6,020,137	2/1/00	Lapidus <i>et al.</i>	11/23/98
	A82	6,037,465	3/14/00	Hillebrand <i>et al.</i>	12/16/96
	A83	6,100,029	8/8/00	Lapidus <i>et al.</i>	12/4/97
	A84	6,143,529	11/7/00	Lapidus <i>et al.</i>	3/26/99
	A85	6,146,828	11/14/00	Lapidus	7/3/98
	A86	6,177,251B1	01/23/01	Vogelstein <i>et al.</i>	6/8/99
	A87	6,203,993 B1	3/20/01	Shuber <i>et al.</i>	4/4/00
	A88	6,214,187B1	4/10/01	Hammond <i>et al.</i>	6/18/99
	A89	6,214,558B1	04/10/01	Shuber <i>et al.</i>	7/27/00
	A90	6,238,927B1	5/29/01	Abrams <i>et al.</i>	10/4/99
	A91	6,251,660 B1	6/26/01	Muir <i>et al.</i>	11/25/98
	A92	6,268,136B1	7/31/01	Shuber <i>et al.</i>	11/23/98
	A93	6,280,947 B1	8/28/01	Shuber <i>et al.</i>	8/11/99
	A94	6,300,077 B1	10/9/01	Shuber <i>et al.</i>	4/4/00
	A95	6,303,304 B1	10/16/01	Shuber <i>et al.</i>	2/2/99
	A96	6,351,857 B2	3/5/02	Slaon, III <i>et al.</i>	3/13/01
	A97	6,406,857 B1	6/18/02	Shuber <i>et al.</i>	5/21/01
EXAMINER			DATE CONSIDERED		

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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY DOCKET NO.: EXT-036 (2457/32) APPLICANT: Shuber SERIAL NO.: 09/514.865 FILING DATE: February 28, 2000 GROUP: 1634					
<div style="text-align: center;">  </div>									
	A99	6,428,964 B1	8/6/02	Slaon, III <i>et al.</i>			12/17/01		
	A100	6,475,738 B2	11/5/02	Shuber <i>et al.</i>			6/18/01		
	A101	6,482,595 B2	11/19/02	Shuber <i>et al.</i>			8/27/01		
	A102	2001/0018180 A1	8/30/01	Shuber <i>et al.</i>			1/10/01		
	A103	2002/0025525 A1	2/28/02	Shuber			5/30/01		
	A104	2002/0110810 A1	8/15/02	Shuber			1/5/01		
	A105	2002/0119469 A1	8/29/02	Shuber <i>et al.</i>			10/5/01		
	A106	2002/0119472 A1	8/29/02	Lapidus <i>et al.</i>			10/15/01		
	A107	2002/0132251 A1	9/19/02	Shuber			11/20/01		
	A108	2002 0164631 A1	11/7/02	Shuber <i>et al.</i>			3/25/02		
	A109	6,150,100	11/21/00	Ruschoff <i>et al.</i>			3/25/98		
	A110	6,448,002 B1	9/10/02	Hillebrand <i>et al.</i>			8/26/97		
	A111	6,084,091	7/4/00	Muller <i>et al.</i>			8/14/96		
	A112	6,503,718 B2	1/7/03	Shuber <i>et al.</i>			1/10/01		
FOREIGN PATENT DOCUMENTS									
EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	B43	0 270 017A2	6/8/88	EP			11/27/87		Y
	B44	0 270 017A3	6/8/88	EP			11/27/87		Y
	B45	0 284 362 A3	9/28/88	EP			3/23/88		Y
	B46	0 391 565 B1	10/10/90	EP			3/19/90		Y
	B47	195 30 132C2	2/20/97	DE			8/16/95	A111 is English counterpart	N
	B48	197 12 332A1	10/1/98	DE			3/25/97	A109 is English counterpart	N

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

JAN 16 2003

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

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B49	197.36.691A1	2/25/99	DE			8/22/97	B111 has English abstract	N
B50	2.327.497A	1/27/99	GB			7/15/98		Y
B51	WO 93/20235	10/14/93	PCT			3/31/93		Y
B52	WO 94/00603	1/6/94	PCT			6/28/93		Y
B53	WO 94/01447	1/20/94	PCT			7/1/93		Y
B54	WO 95/00669	1/5/95	PCT			6/22/94		Y
B55	WO 95/12606	5/11/95	PCT			11/5/93		Y
B56	WO 96/23895A	8/8/96	PCT			1/29/96		Y
B57	WO 96/29430A	9/26/96	PCT			3/13/96		Y
B58	WO 97/07239	2/27/97	PCT			8/14/96	A111 is English counterpart	N
B59	WO 97/19191A	5/29/97	PCT			11/15/96		Y
B60	WO 97/28450	8/7/97	PCT			12/20/96		Y
B61	WO 98/08971	3/5/98	PCT			8/26/97	A110 is English counterpart	N
B62	WO 98/39478	9/11/98	PCT			3/2/98		Y
B63	WO 98/58084	12/23/98	PCT			6/16/98		Y
B64	WO 99/07894	2/18/99	PCT			8/5/98		Y
B65	WO 99/07895	2/18/99	PCT			4/8/98		Y
B66	WO 99/20798	4/29/99	PCT			10/22/98		Y
B67	WO 99/26724	6/3/99	PCT			11/25/98		Y
B68	WO 99/28507	6/10/99	PCT			12/3/98		Y
B69	WO 99/45374	9/10/99	PCT			3/3/99		Y
B70	WO 99/53316	10/21/99	PCT			4/13/99		Y
B71	WO 99/55912	11/4/99	PCT			4/23/99		Y

EXAMINER

DATE CONSIDERED

FORM PTO - 1449				ATTY DOCKET NO.: EXT-036 (2457/32)			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT: Shuber			
				SERIAL NO.: 09/514.865			
				FILING DATE: February 28, 2000			
				GROUP: 1634			
	WO 99/66077	12/23/99	PCT			6/16/99	Y
B73	WO 99/66078	12/23/99	PCT			6/18/99	Y
B74	WO 99/66079	12/23/99	PCT			6/18/99	Y
B75	WO 00/09751	2/24/00	PCT			8/10/99	Y
B76	WO 00/11215	3/2/00	PCT			8/10/99	Y
B77	WO 00/31298	6/2/00	PCT			11/17/99	Y
B78	WO 00/31303	6/2/00	PCT			11/22/99	Y
B79	WO 00/31305	6/2/00	PCT			11/23/99	Y
B80	WO 00/32820	6/8/00	PCT			11/23/99	Y
B81	WO 00/50640	8/31/00	PCT			1/24/00	Y
B82	WO 00/50870	8/31/00	PCT			2/25/00	Y
B83	WO 00/58514A3	10/5/00	PCT			3/24/00	Y
B84	WO 00/60118	10/12/00	PCT			3/31/00	Y
B85	WO 00/61808A3	10/19/00	PCT			4/7/00	Y
B86	WO 00/66005	11/9/00	PCT			4/26/00	Y
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B89	WO 01/18252A2	3/15/01	PCT			9/8/00	Y
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B91	WO 01/42503A2	6/14/01	PCT			11/28/00	Y
B92	WO 01/42781A2	6/14/01	PCT			12/7/00	Y
B93	WO 01/64950A2	9/7/01	PCT			2/27/01	Y
B94	WO 01/64950A3	9/7/01	PCT			2/27/01	Y
B95	WO 01/11083 A2	2/15/01	PCT			8/9/00	Y
B96	WO 01/11083 A3	2/15/01	PCT			8/9/00	Y
B97	WO 02/055740 A2	7/18/02	PCT			1/10/02	Y
B98	WO 02/059379 A2	8/1/02	PCT			1/4/02	Y

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449				ATTY DOCKET NO.: EX1-036 (245782)			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT: Shuber			
JAN 16 2003				SERIAL NO.: 09/514,865			
				FILING DATE: February 28, 2000			
				GROUP: 1634			
B099	WO 02/074995 A1	9/26/02	PCT			3/15/02	Y
B100	WO 02/092858 A2	11/21/02	PCT			2/28/02	Y
B101	AU199942333 A1	9/30/99	AU			7/28/99	Y
B102	711754	7/17/97	AU			12/20/96	Y
B103	704696	8/22/97	AU			12/20/96	Y
B104	720489	9/30/99	AU			7/28/99	Y
B105	744746	1/4/99	AU			6/16/98	Y
B106	745862	9/22/98	AU			3/2/98	Y
B107	2,211,702	5/25/99	CA			12/20/96	Y
B108	2,228,769	2/27/97	CA			8/14/96	Y
B109	3325270	9/17/02	JP			12/20/96	Abstract in English N
B110	195 30 132A1	2/20/97	DE			8/16/95	A111 is English counterpart N
B111	WO 99/10528	3/4/99	PCT			8/22/97	Abstract in English N
OTHER ART. JOURNAL ARTICLES, ETC.							
EXAM INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)						
	C95	Allen et al. (1997). "Morphological and biochemical characterization and analysis of apoptosis." <i>J. Pharm. & Toxicol. Methods</i> . Vol. 37, No. 4, pp. 215-28.					
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	C97	Anker et al. (1999). "Detection of Circulating Tumour DNA in the Blood (plasma/serum) of Cancer Patients." <i>Cancer and Metastasis Reviews</i> . Vol. 18, pp. 65-73.					
	C98	Arber et al. "A K-ras Oncogene Increases Resistance to Sulindac-Induced Apoptosis in Rat Enterocytes." <i>Gastroenterology</i> . Vol. 113, No. 6, pp. 1892-1900, December 1997.					
	C99	Azhikina et al. (1996). "Factors Affecting the Priming Efficiency of Short Contiguous Oligonucleotide Strings in the Primer Walking Strategy of DNA Sequencing." <i>DNA Sequence</i> 6:211-16					
	C100	Barry et al. "Identification of Deoxyribonuclease II as an Endonuclease Involved in Apoptosis." <i>Archives of Biochemistry and Biophysics</i> . Vol. 300, No. 1, pp. 440-448, January 1993.					
EXAMINER				DATE CONSIDERED			

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JAN 16 2003
TECH CENTER 1600/2800

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

JAN 16 2003

ATTY DOCKET NO.: EXT-036 (2457/32)

APPLICANT: Shuber

SERIAL NO.: 09/514,865

FILING DATE: February 28, 2000

GROUP: 1634

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C103	Croitoru et al. "Reduce, Reuse, and Recycle: Shedding Light on Shedding Cells." <i>Gastroenterology</i> , Vol. 105, pp. 1243-1246, October 1993.
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C114	Fournie et al., (1995). "Plasma DNA as a Marker of Cancerous Cell Death: Investigations in Patients Suffering from Lung Cancer and in Nude Mice Bearing Human Tumours." <i>Cancer Letters</i> , Vol. 91, pp. 221-227.
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C116	Giacona, et al. (1998). "Cell-free DNA in Human Blood plasma: Length Measurements in Patients with Pancreatic Cancer and Healthy Controls." <i>Pancreas</i> , Vol. 17, No. 1, pp. 89-97.
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT:	Shuber
JAN 16 2003		SERIAL NO.:	09:514,865
JAN 16 2003		FILING DATE:	February 28, 2000
JAN 16 2003		GROUP:	1634
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C121	Hitchcock. "Actin- Deoxyribonuclease I Interaction." <i>The Journal of Biochemical Chemistry</i> , Vol. 255, No. 12, pp. 5668-5673, 1980.		
C122	Hunsaker, et al. (1989). "Use of Reversible Target Capture to Detect Subattomole Quantities of Target Nonradioisotopically in Crude Specimens in One Hour." <i>Abstracts of the 89th Meeting of the American Society for Microbiology</i> , D-169, Pg. 110.		
C123	Ito et al. (1999). "Profile of Circulating Levels of Interleukin-1 Receptor Antagonist and Interleukin-6 in Colorectal Cancer Patients." <i>Scand. J. Gastroenterol.</i> , Vol. 11, pp. 1139-1143.		
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C129	Lefere et al. (October 1998) "Screening Blood Donations for Viral Genomes - Multicenter Study of Real-Time Simulation Using Pooled Samples on the Model of HIV RNA Detection" <i>Transfusion</i> , Vol. 38, pp. 915-923.		
C130	Leon et al. (March 1977). "Free DNA in the Serum of Cancer Patients and the Effect of Therapy." <i>Cancer Research</i> , Vol. 37, pp. 646-650.		
C131	Li et al. (August 1996) "Rapid Detection of Mycobacterium Avium in Stool Samples from AIDS Patients by Immunomagnetic PCR." <i>J. Clin. Microbiol.</i> , Vol. 34, No. 8, pp. 1903-1907.		
C132	Lipkin. "Biomarkers of Increased Susceptibility to Gastrointestinal Cancer: New Application to Studies of Cancer Prevention in Human Subjects." <i>Cancer Research</i> , Vol. 48, pp. 235-245, January 15, 1998.		
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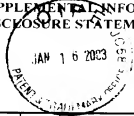
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FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT JAN 16 2003 1058 RECEIVED		ATTY DOCKET NO.: EXT-036 (2457/32) APPLICANT: Shuber SERIAL NO.: 09/514.865 FILING DATE: February 28, 2000 GROUP: 1634
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C136	Metspalu A. "Arrayed Primer Extension (API-X) for Mutation Detection Using Gene-Specific DNA Chips" <i>European Society of Human Genetics</i> , Vol. 6, No. Sup 1, 1998, page P1.36 XP000892253 Abstract.	
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C138	Morrissey et al. (May 14-18, 1989) "Novel Hybridization Technique with Subnanomole Sensitivity in Specimens" <i>American Society for Microbiology</i> , 89 th Annual Meeting, Abstract D-168, p. 110.	
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C142	Olve (February 1989) "Detection of Enterotoxigenic <i>Escherichia coli</i> after Polymerase Chain Reaction Amplification with a Thermostable DNA Polymerase." <i>Journal of Clinical Microbiology</i> , Vol. 27, No. 2, pp. 261-265.	
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C144	Pacek et al. (May 1993) "Determination of Allele Frequencies at Loci with Length Polymorphism by Quantitative Analysis of DNA Amplified from Pooled Samples." <i>PCR Methods and Applications</i> , Vol. 2, No. 4, pp. 313-317.	
C145	Park et al. "Detergent and Enzyme Treatment of Apoptotic Cells for Observation of DNA Fragmentation" <i>BioTechniques</i> , Vol. 24, No. 4, pp. 558-559, 1998.	
C146	Payne et al. "Role of Apoptosis in Biology and Pathology: Resistance to Apoptosis in Colon Carcinogenesis" <i>Ultrastructural Pathology</i> , Vol. 19, pp. 221-248, 1995.	
C147	Peitsch et al. "Characterization of the endogenous deoxyribonuclease involved in nuclear DNA degradation during apoptosis (programmed cell death)." <i>The EMBO Journal</i> , Vol. 12, No. 1, pp. 371-377, 1993.	
C148	Peitsch et al. "Functional characterisation of serum DNase I in MRI." <i>Biochemical and Biophysical Research Communications</i> , Vol. 186, No. 2, pp. 739-745, July 31, 1992.	
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C153	Rinaldi et al. (1988), "Gene Cloning Using cDNA Libraries in a Differential Competition Hybridization Strategy: Application to Cloning XP-A Related Genes." <i>DNA</i> Vol. 7, No. 8, pp. 563-70	
C154	Ruzicka et al., (1992) "Apolipoprotein Allele Specific PCR: Large-Scale Screening of Pooled Blood Samples." <i>J. of Lipid Research</i> , Vol. 33, pp. 1563-1567.	
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C156	Sales et al., (July 31, 1999), "Blood Dissemination of Colonic Epithelial Cells During No-touch Surgery for Rectosigmoid Cancer." <i>The Lancet</i> , Vol. 354, p. 392.	
C157	Samiotaki et al. (1994), "Dual-Color Detection of DNA Sequence Variants by Ligase-Mediated Analysis," <i>Genomics</i> 20:238-42.	
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C161	Shaw et al., (1998) "Allele Frequency Distribution in Pooled DNA Samples. Applications to Mapping Complex Disease Genes." <i>Genome Research</i> , Vol. 8, pp. 111-123	
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C165	Stroun et al., (1987), "Isolation and Characterization of DNA from the Plasma of Cancer Patients." <i>Eur. J. Cancer Clin. Oncol.</i> , Vol. 23, No. 6, pp. 707-712.	
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FORM PTO - 1449		ATTY DOCKET NO.: EXT-036 (245832)
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT: Shuber
JAN 16 2003		SERIAL NO.: 09/514,865
		FILING DATE: February 28, 2000
		GROUP: 1634
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